

## **ABSTRACT OF THE DISCLOSURE**

A tachometer with the variation of the projection light source which could set-up the critical standard speed value to provide optimum shift-shifting time, and record the fastest speed condition happened on racing at least comprising: the meter body, the 5 micro-processor, the functional selection operation device, the memory device as well as the cylinder changeover switch; the character of this invention is to add one light source device on the circuit device inside the meter body, said light source device is comprised of a switch device, an electric-control loop and a RGB illumination device set; it utilizes the way of synchronize-light-mixing with the electric-control-loop to 10 drive the RGB illumination device set, and by means of the program control of the microprocessor, when the rotating speed reaches the setting value, the projection light source with various color could be changed according to the setting.